

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010750.D
 Acq On : 30 Sep 2022 15:31
 Operator : KP/MD
 Sample : N4909-01
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 06:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

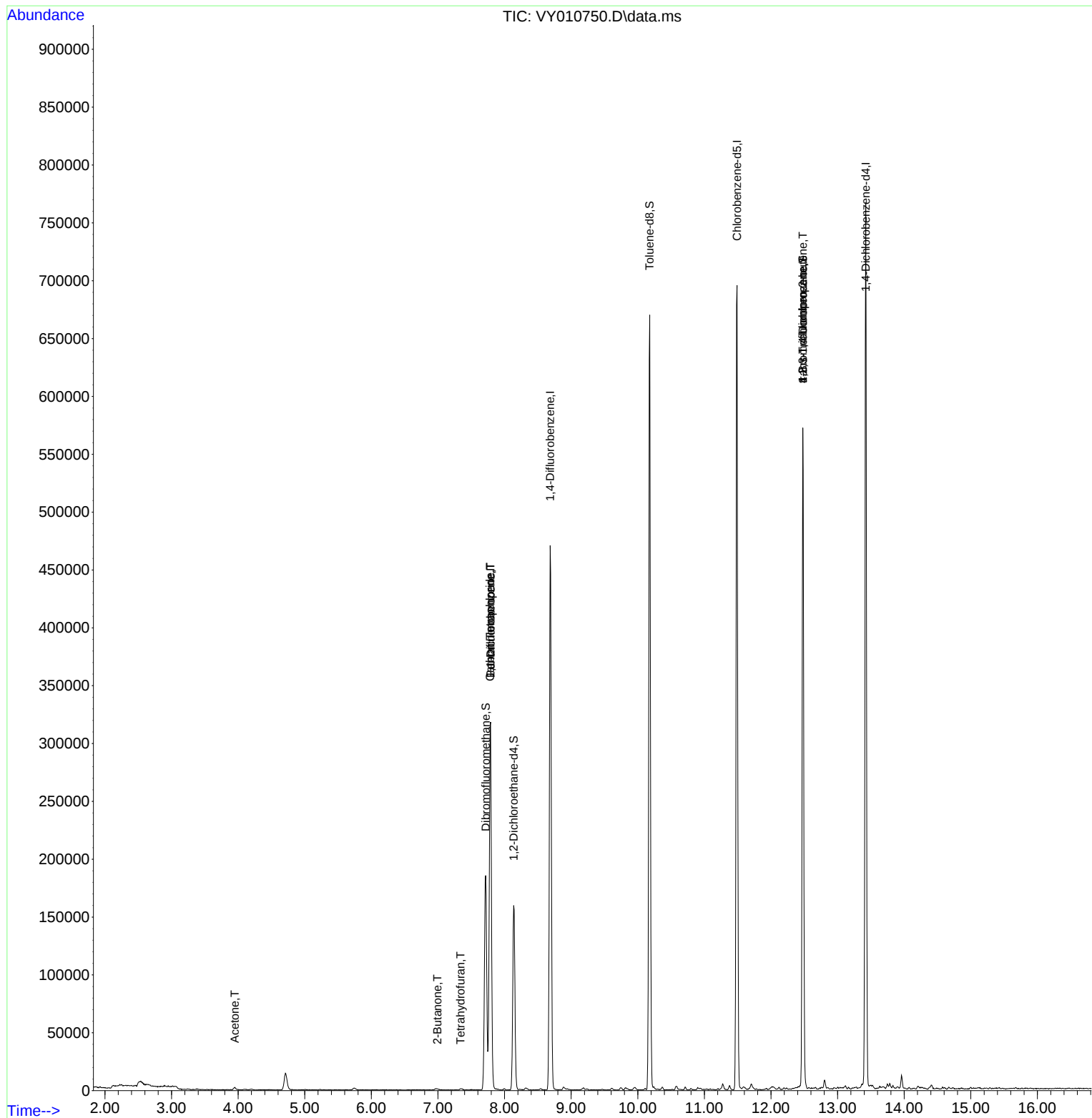
Internal Standards						
1) Pentafluorobenzene	7.789	168	248718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	411481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	127466	53.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.160%	
35) Dibromofluoromethane	7.716	113	134103	51.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.140%	
50) Toluene-d8	10.179	98	435483	45.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 90.380%	
62) 4-Bromofluorobenzene	12.477	95	166170	45.913	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 91.820%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	39	Below Cal	#	43
3) Chloromethane	2.113	50	385	Below Cal	#	88
4) Vinyl Chloride	2.351	62	22	Below Cal	#	43
5) Bromomethane	2.656	94	496	Below Cal		92
11) Tert butyl alcohol	4.954	59	104	Below Cal	#	77
16) Acetone	3.948	43	3382	6.971	ug/l	100
17) Carbon Disulfide	4.198	76	439	Below Cal	#	75
18) Methyl Acetate	4.473	43	84	Below Cal	#	56
20) Methylene Chloride	4.710	84	11046	Below Cal	#	77
25) 2-Butanone	6.990	43	931	1.227	ug/l	91
29) Tetrahydrofuran	7.338	42	850	1.824	ug/l	94
31) Cyclohexane	7.783	56	5248	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	17919	6.124	ug/l #	51
38) Carbon Tetrachloride	7.783	117	24687	7.338	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	86397	46.098	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	86397	102.496	ug/l #	7

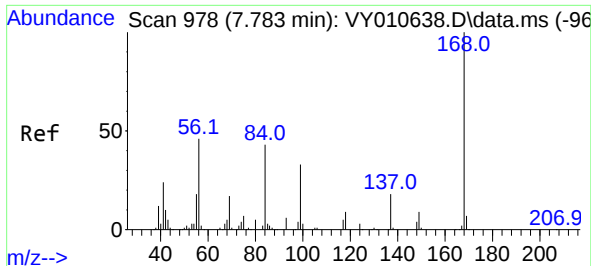
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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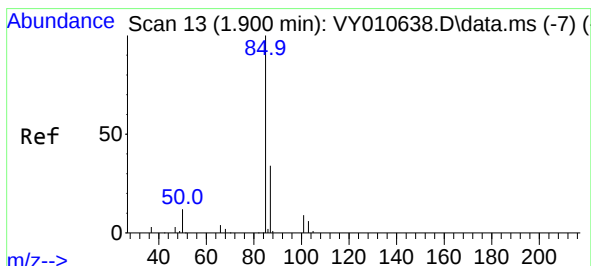
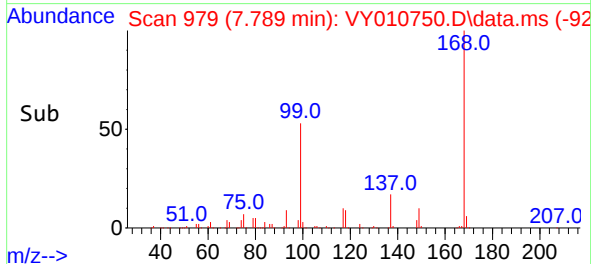
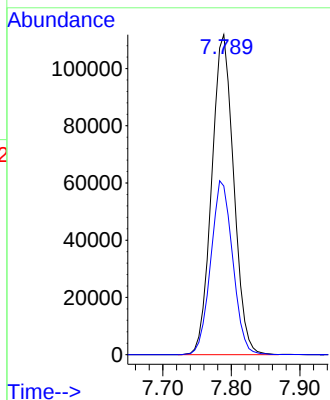
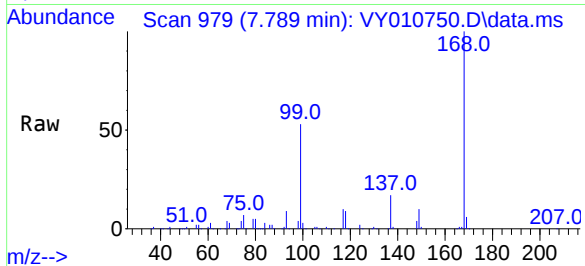




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

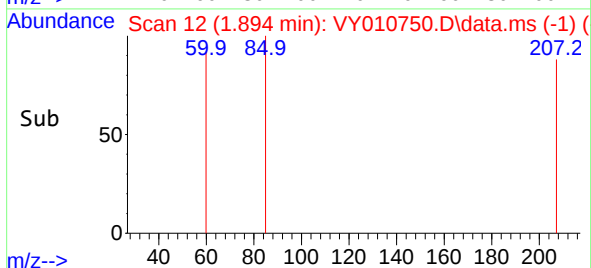
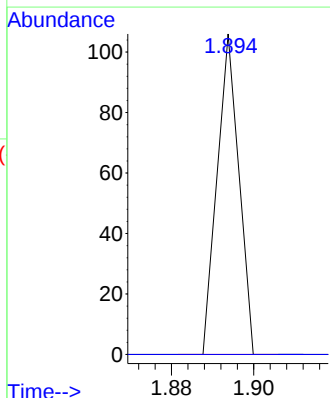
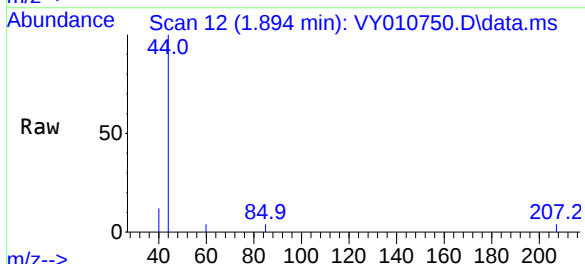
Instrument :
MSVOA_Y
ClientSampleId :

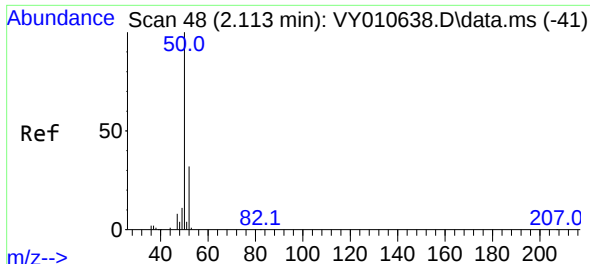
Tgt Ion:168 Resp: 248718
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

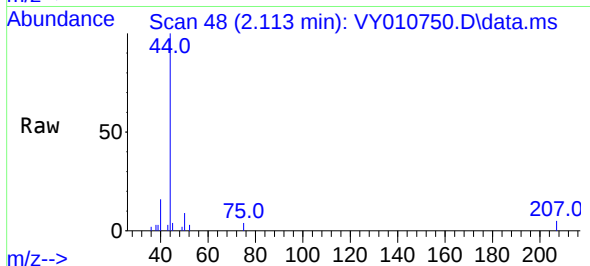
Tgt Ion: 85 Resp: 39
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



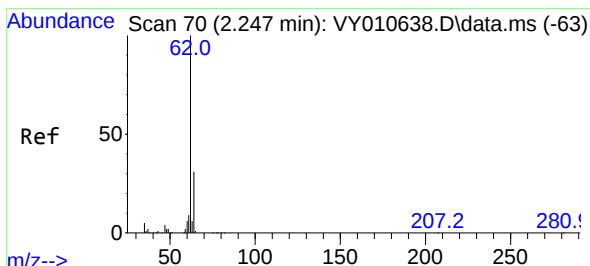
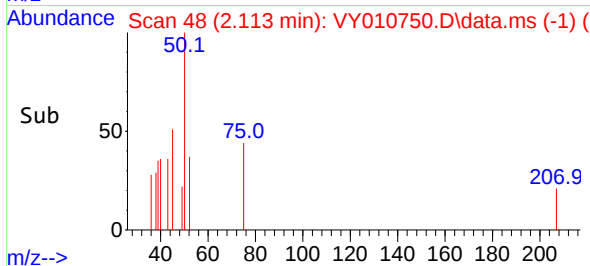
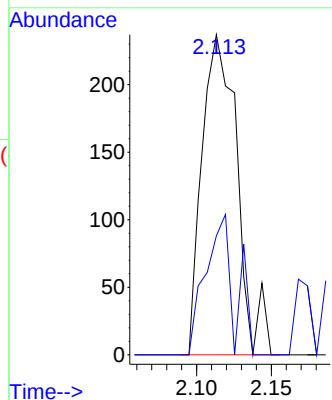


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

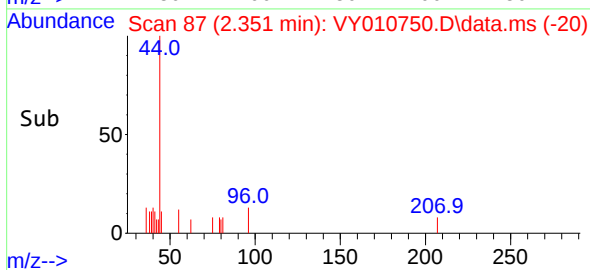
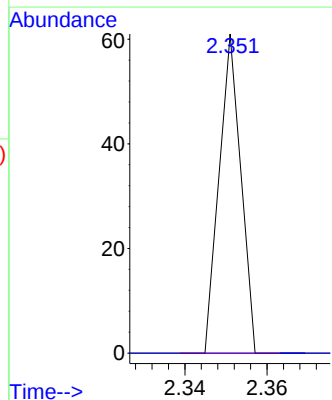
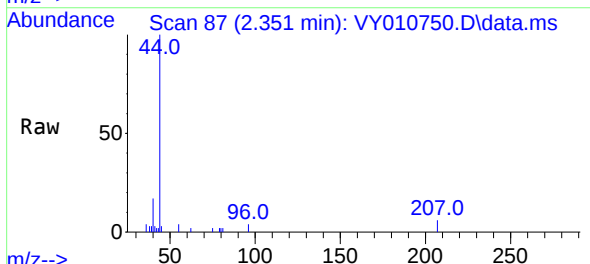


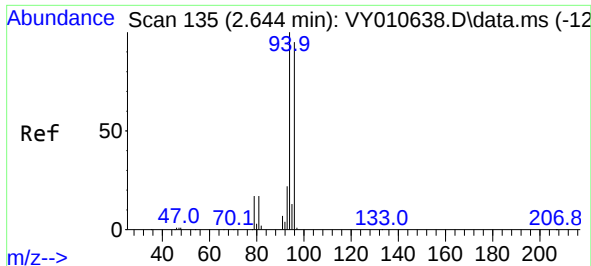
Tgt Ion: 50 Resp: 385
Ion Ratio Lower Upper
50 100
52 37.1 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.351 min Scan# 87
Delta R.T. 0.110 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

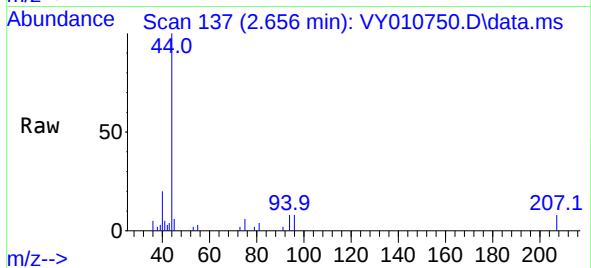
Tgt Ion: 62 Resp: 22
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



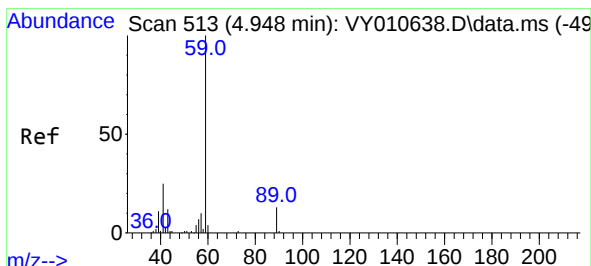
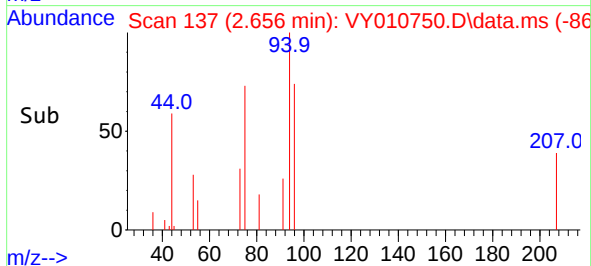
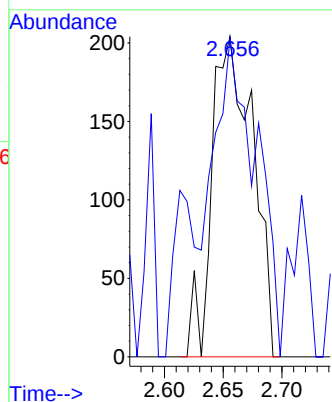


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

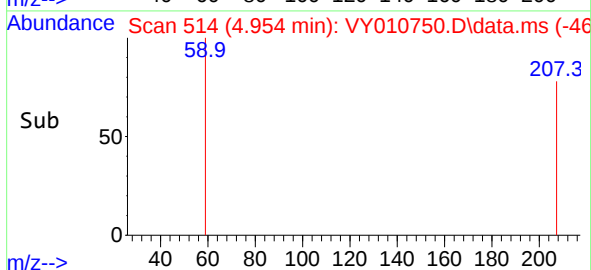
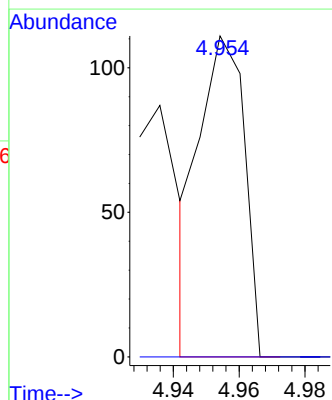
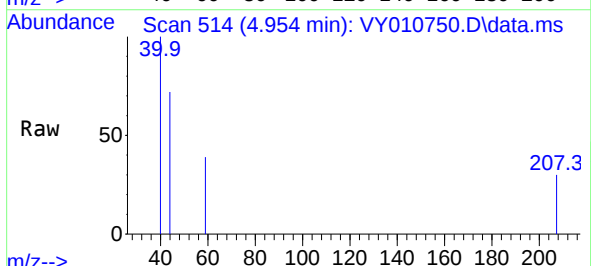


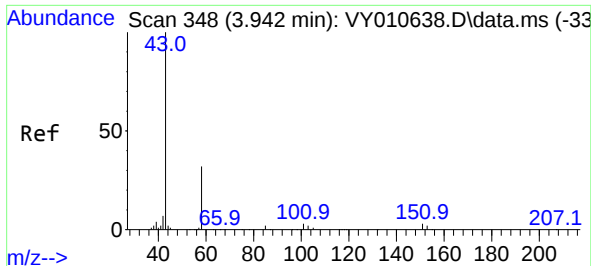
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 99.5 73.5 110.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 59 Resp: 104
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

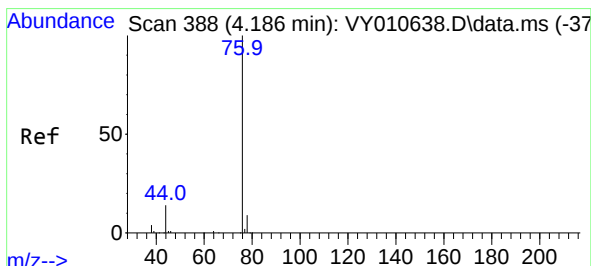
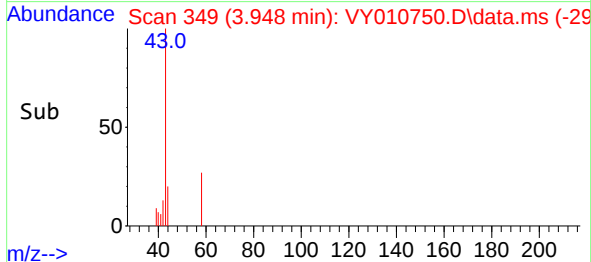
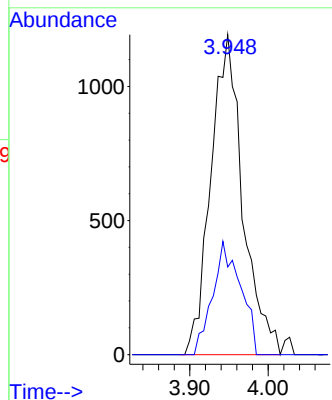
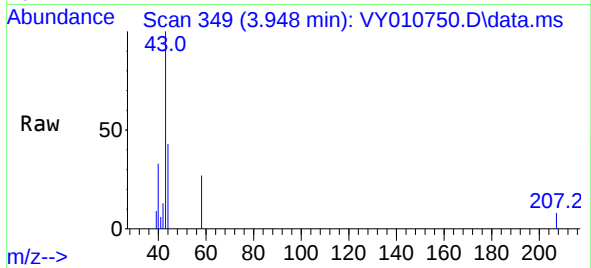




#16
Acetone
Concen: 6.971 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

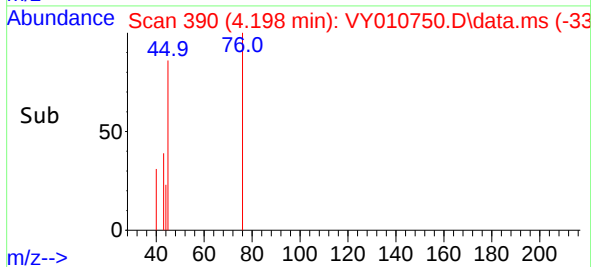
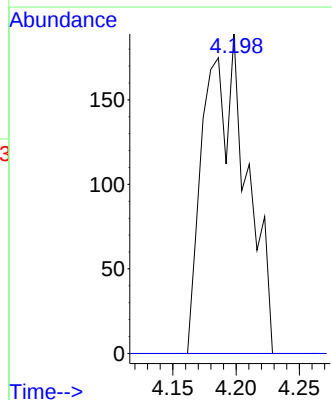
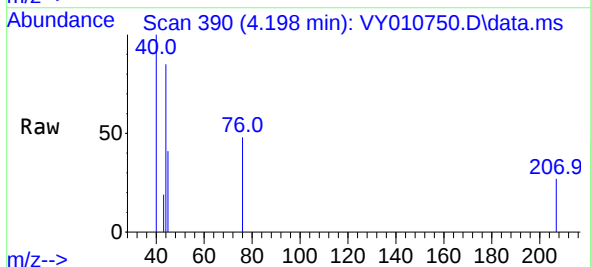
Instrument :
MSVOA_Y
ClientSampleId :

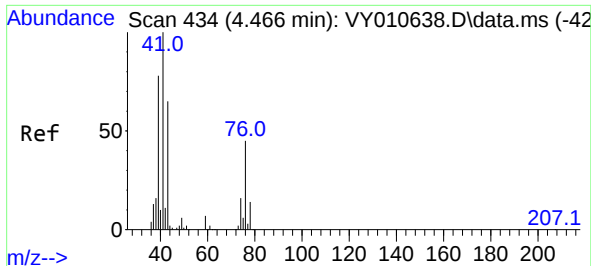
Tgt Ion: 43 Resp: 3382
Ion Ratio Lower Upper
43 100
58 27.4 22.0 33.0



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.018 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 76 Resp: 439
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

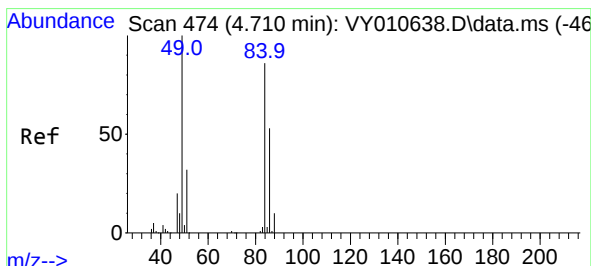
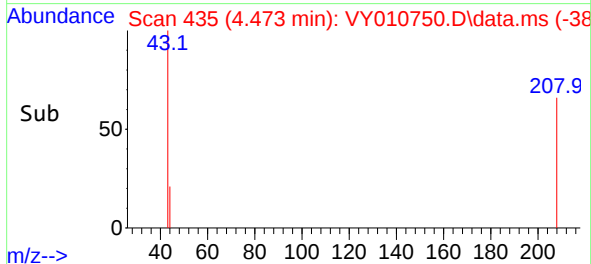
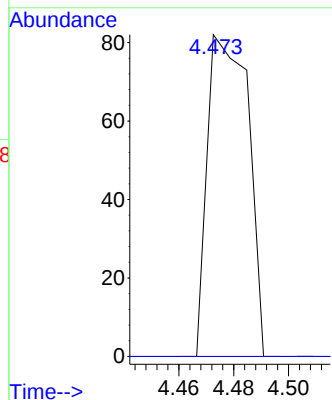
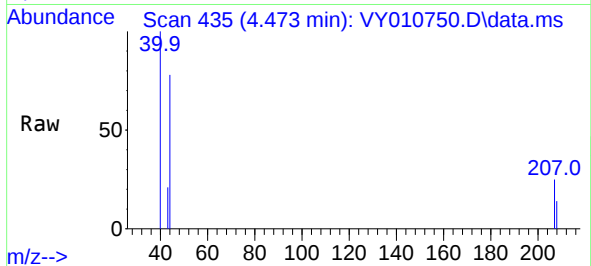




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

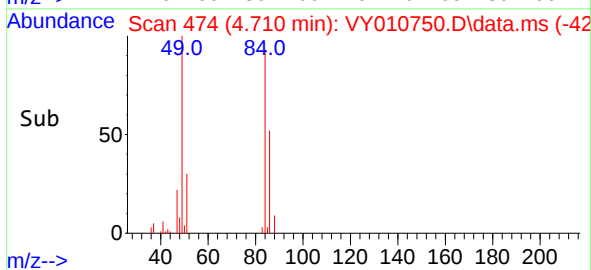
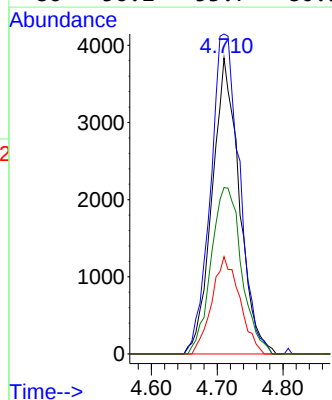
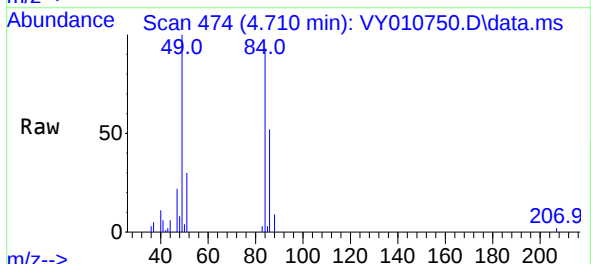
Instrument :
MSVOA_Y
ClientSampleId :

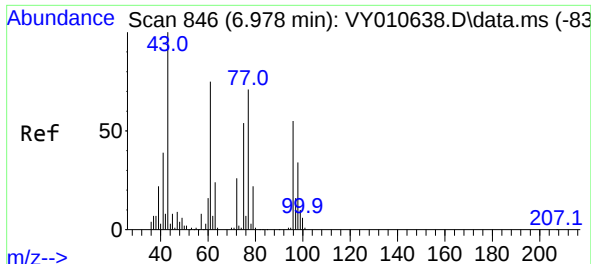
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 84 Resp: 11046
Ion Ratio Lower Upper
84 100
49 108.1 114.4 171.6#
51 32.9 35.3 52.9#
86 56.2 53.7 80.5





#25

2-Butanone

Concen: 1.227 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

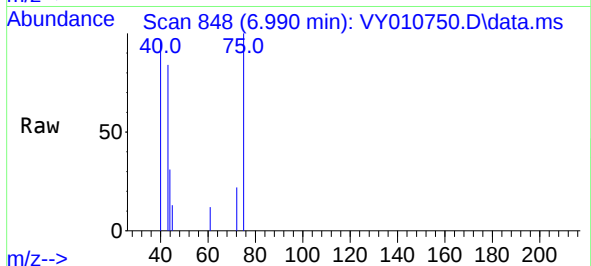
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Acq: 30 Sep 2022 15:31

Instrument :

MSVOA_Y

ClientSampleId :

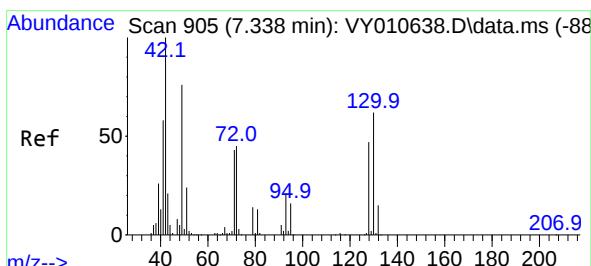
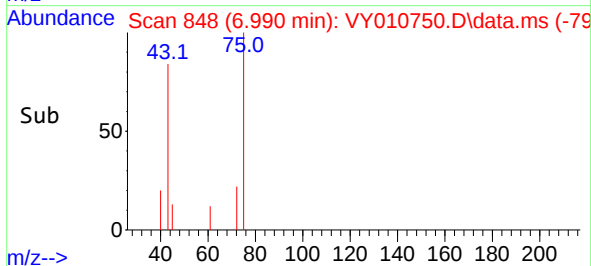
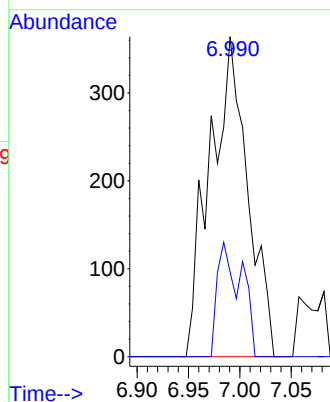


Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

72 26.4 17.7 26.5



#29

Tetrahydrofuran

Concen: 1.824 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010750.D

Acq: 30 Sep 2022 15:31

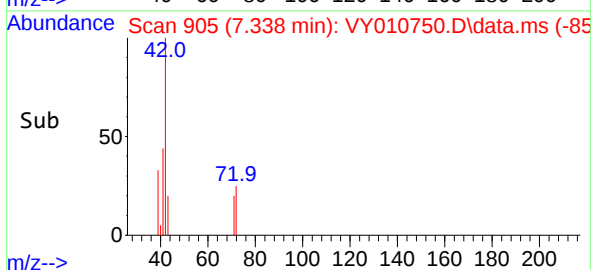
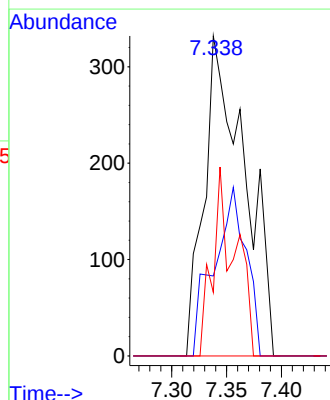
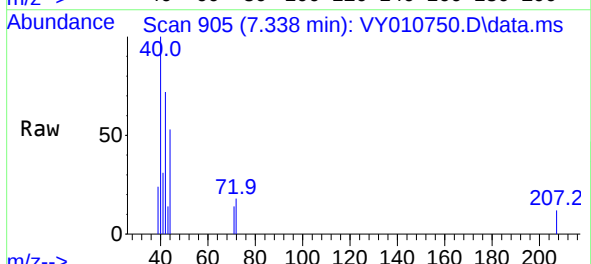
Tgt Ion: 42 Resp: 850

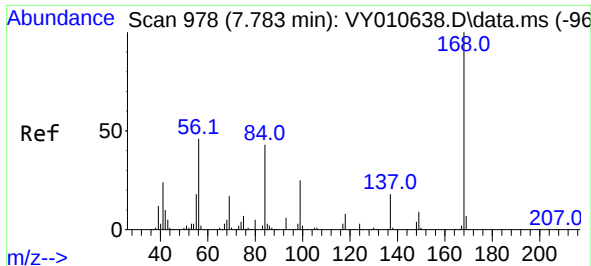
Ion Ratio Lower Upper

42 100

72 42.2 30.3 45.5

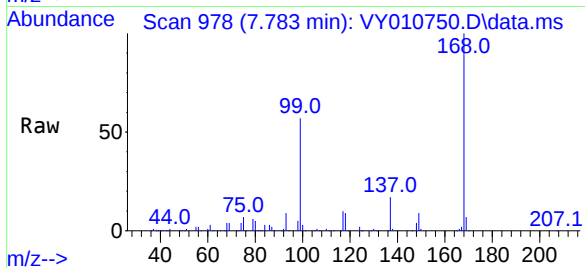
71 32.9 29.0 43.4



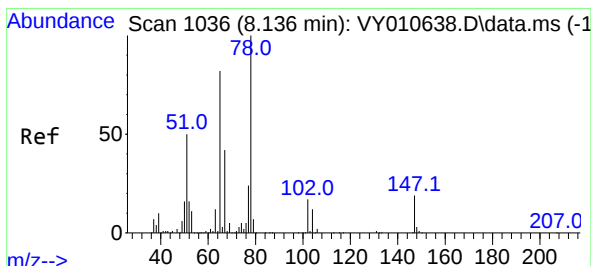
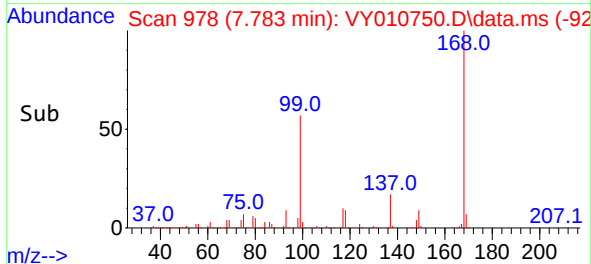
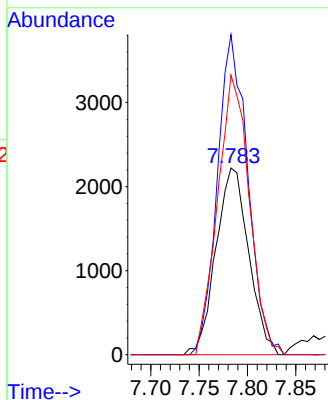


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

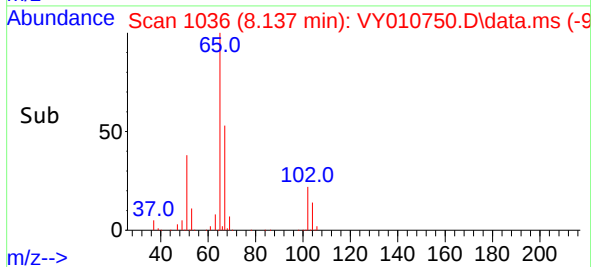
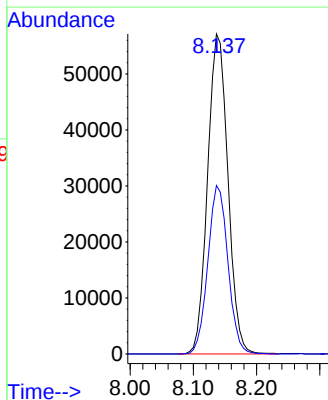
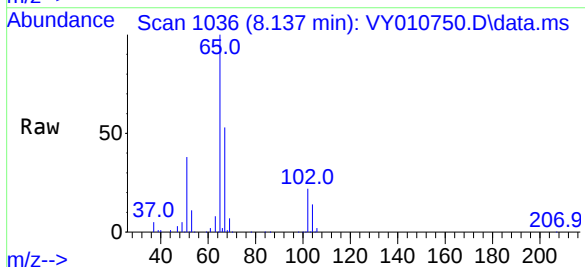


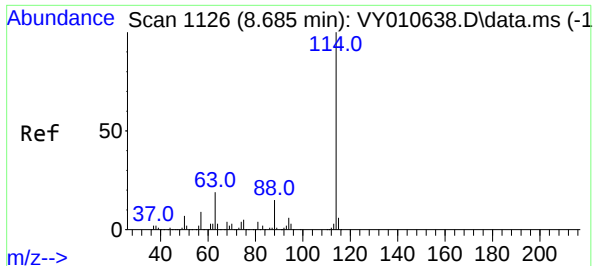
Tgt Ion: 56 Resp: 5248
Ion Ratio Lower Upper
56 100
69 171.4 26.7 40.1#
84 149.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.581 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 65 Resp: 127466
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

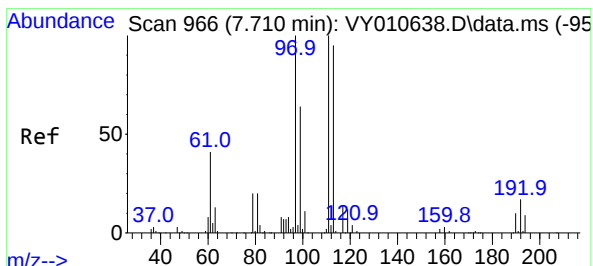
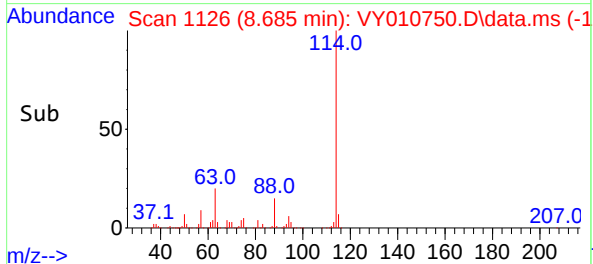
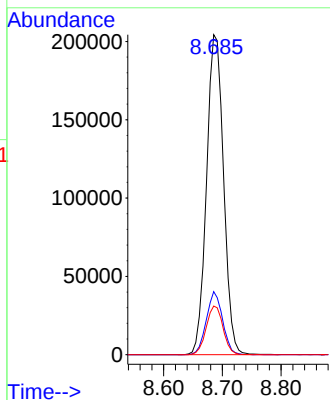
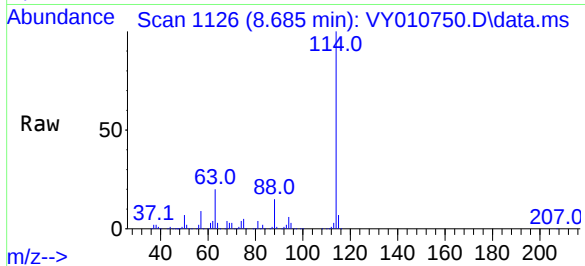




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

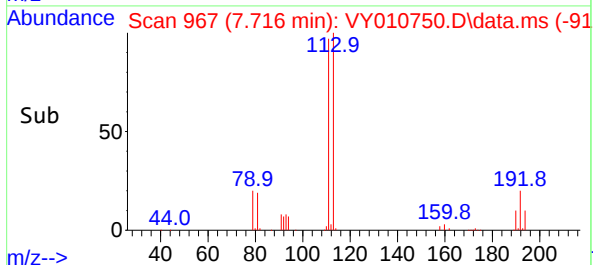
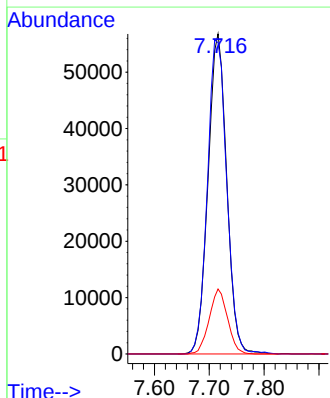
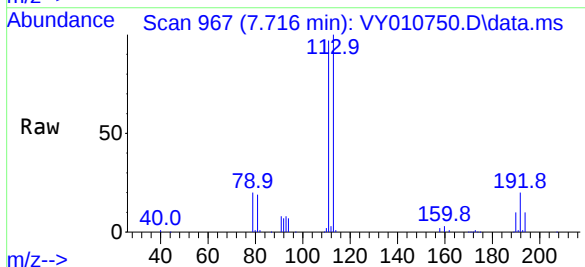
Instrument :
MSVOA_Y
ClientSampleId :

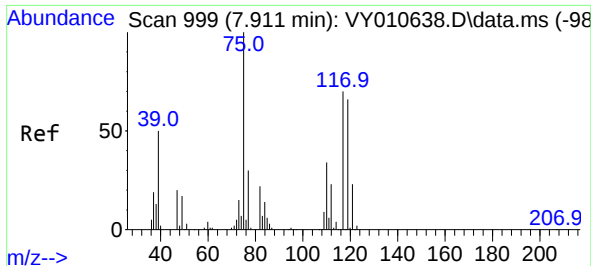
Tgt Ion:114 Resp: 411481
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.066 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

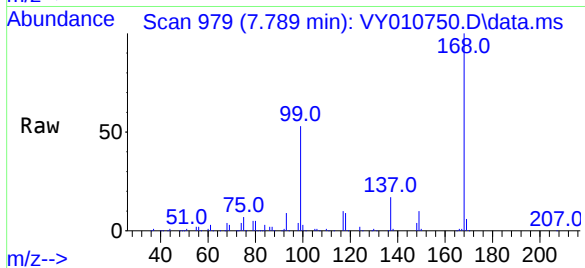
Tgt Ion:113 Resp: 134103
Ion Ratio Lower Upper
113 100
111 101.4 82.6 124.0
192 19.9 17.6 26.4



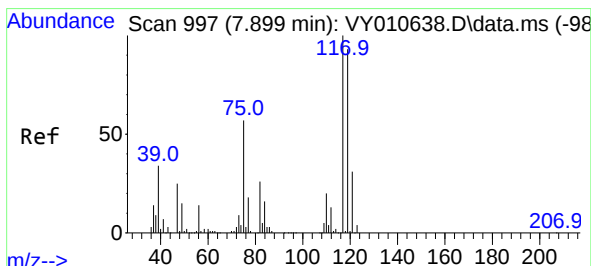
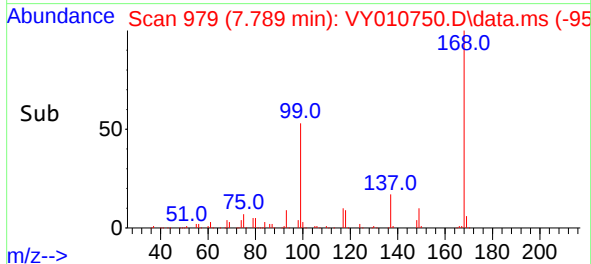
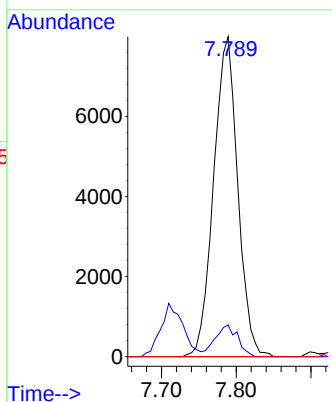


#36
1,1-Dichloropropene
Concen: 6.124 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

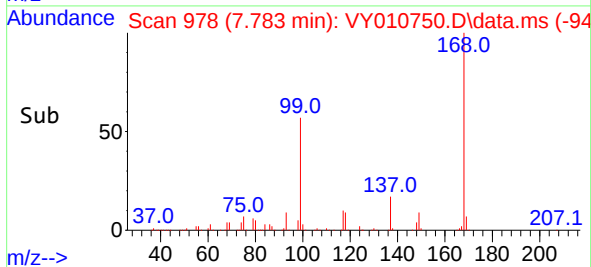
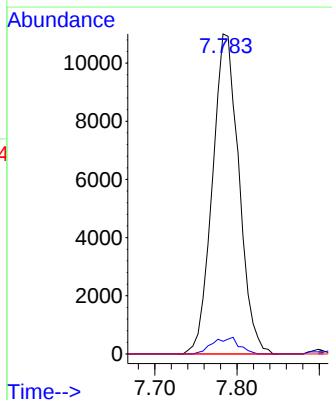
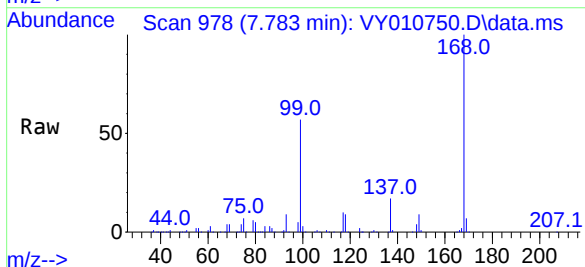


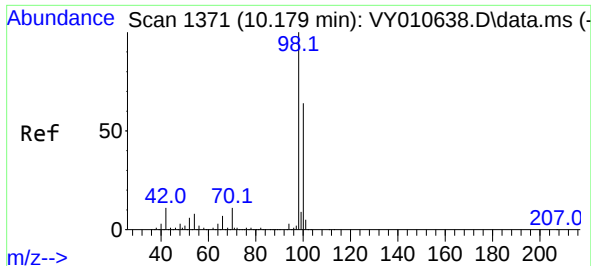
Tgt Ion: 75 Resp: 17919
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.338 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 117 Resp: 24687
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#

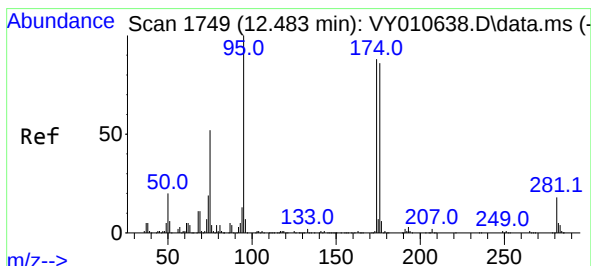
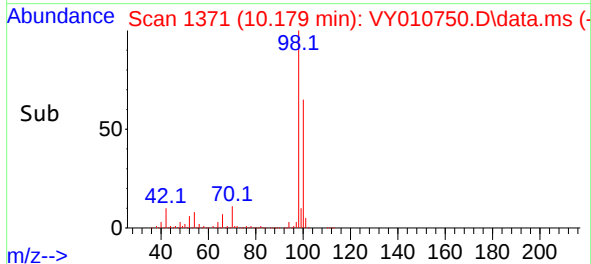
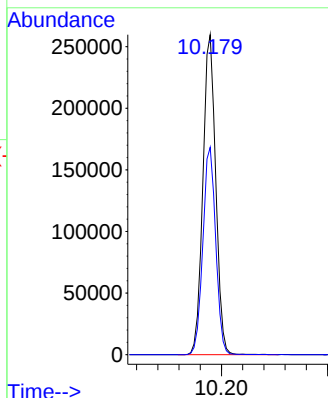
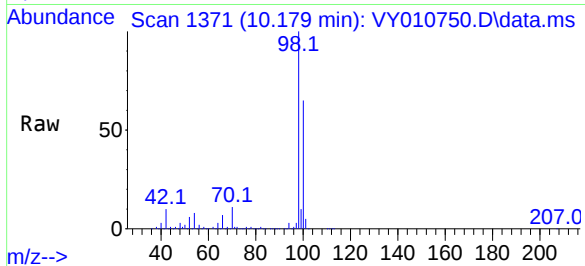




#50
Toluene-d8
Concen: 45.191 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

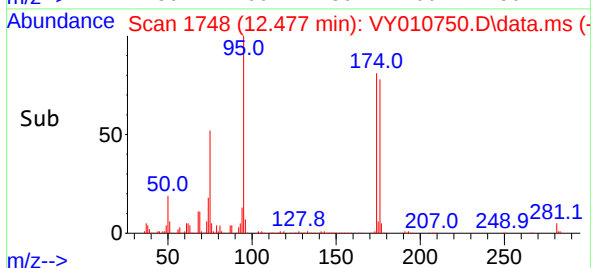
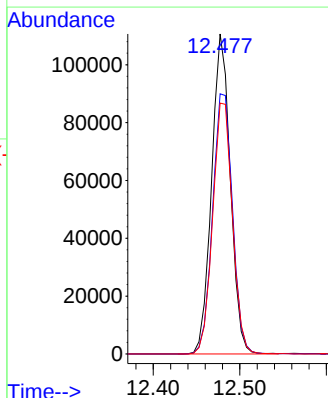
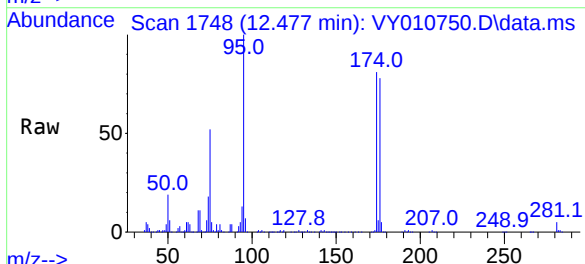
Instrument :
MSVOA_Y
ClientSampleId :

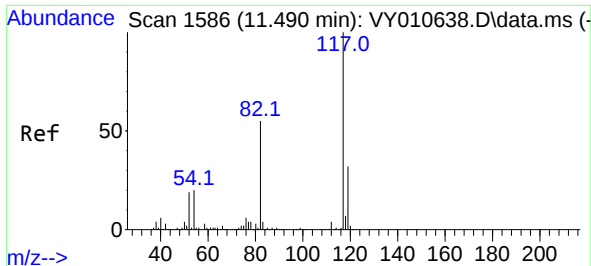
Tgt Ion: 98 Resp: 435483
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.913 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

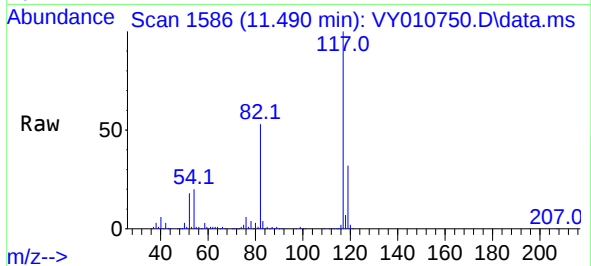
Tgt Ion: 95 Resp: 166170
Ion Ratio Lower Upper
95 100
174 86.3 0.0 177.0
176 82.9 0.0 175.8



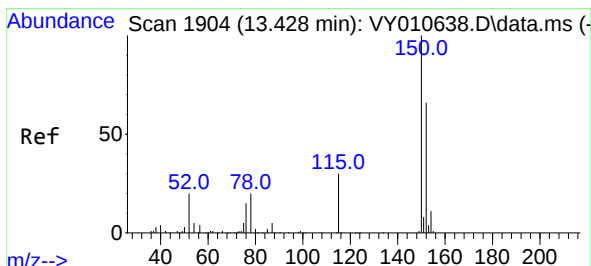
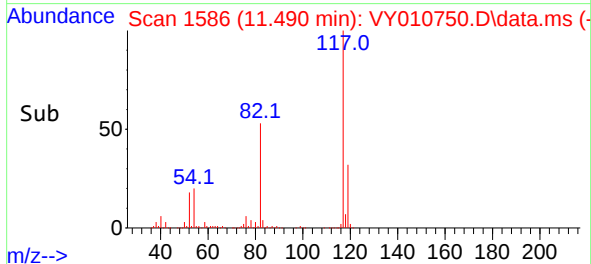
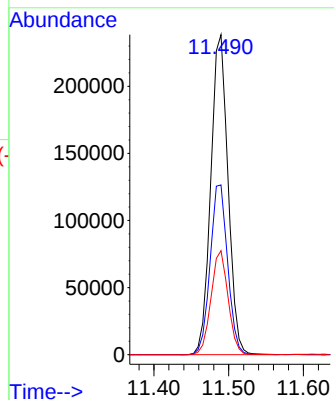


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

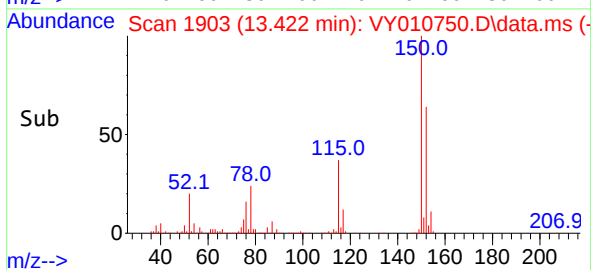
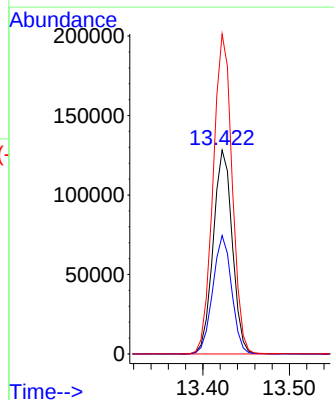
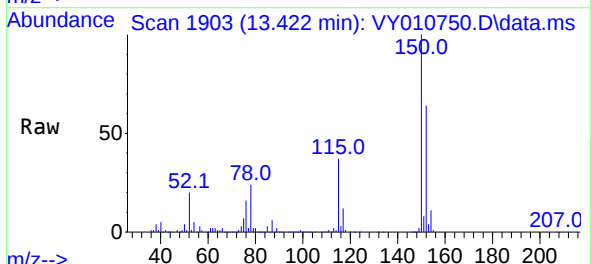


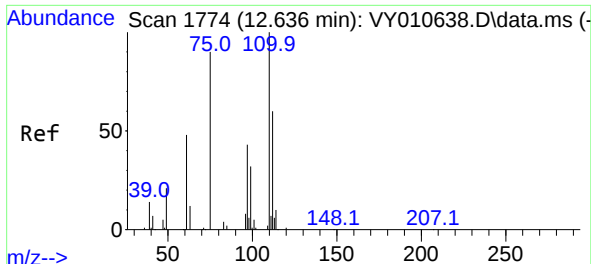
Tgt Ion:117 Resp: 381419
Ion Ratio Lower Upper
117 100
82 53.1 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion:152 Resp: 196368
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.6 0.0 347.6

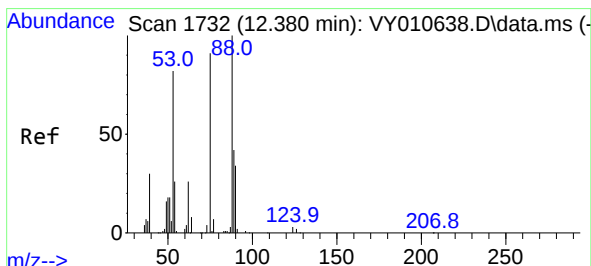
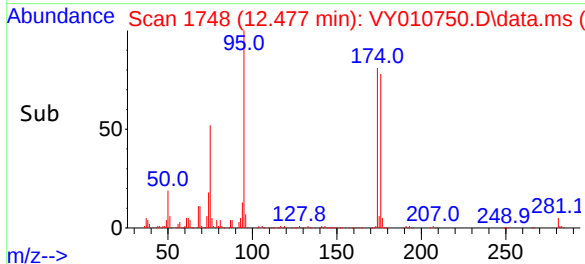
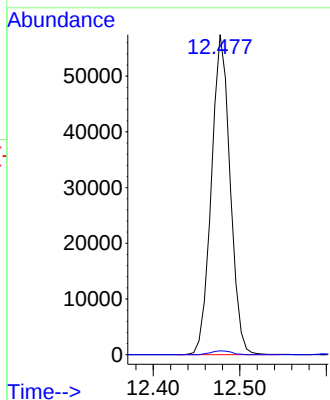
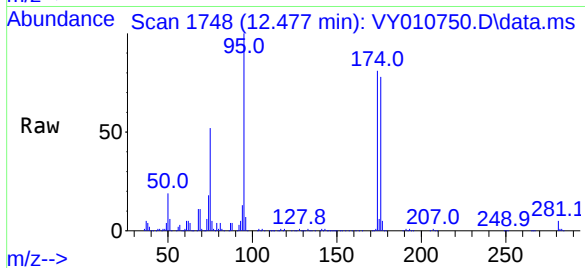




#76
1,2,3-Trichloropropane
Concen: 46.098 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86397
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.496 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010750.D
Acq: 30 Sep 2022 15:31

Tgt Ion: 75 Resp: 86397
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

